

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP99/01861

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>6</sup> A61J3/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>6</sup> A61J3/10, B30B11/00, 11/08, A61K9/00-9/72, 47/00-47/48Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-1999  
Kokai Jitsuyo Shinan Koho 1971-1999 Jitsuyo Shinan Toroku Koho 1996-1999

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP, 045-22959, B1 (Carter Wallace Inc.), 3 August, 1970 (03. 08. 70), Column 1, line 26 to column 2, line 6 (Family: none)	1, 3, 5-10 12-14
✓ Y	JP, 7-124231, A (Kyowa Hakko Kogyo Co., Ltd.), 16 May, 1995 (16. 05. 95), Full text ; all drawings & EP, 650826, A1 & US, 5700492, A	1-14
Y	JP, 2-206, A (Fujisawa Pharmaceutical Co., Ltd.), 5 January, 1990 (05. 01. 90), Full text & EP, 315964, A & US, 5093372, A	2, 4-9, 11-14
Y	JP, 62-187598, A (University of Bath), 15 August, 1987 (15. 08. 87), Full text ; all drawings & GB, 2183538, A & EP, 225803, A & US, 4483280, A	1-14

 Further documents are listed in the continuation of Box C.  See patent family annex.

• Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier document but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search  
8 July, 1999 (08. 07. 99)Date of mailing of the international search report  
21 July, 1999 (21. 07. 99)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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S2 1 PN=JP 70022959  
?t s2/5/all

**2/5/1 (Item 1 from file: 351)**  
DIALOG(R) File 351:Derwent WPI  
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WPI Acc No: 1966-30501F/196800

**Method of production of tablets**

Patent Assignee: CARTER WALLACE INC (CART )  
Number of Countries: 007 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 1499681	A					196800	B
AU 6613189	A					196801	
GB 1113299	A					196801	
US 3395211	A					196801	
CA 831961	A					197002	
JP 70022959	B					197031	
DE 1617389	B					197146	
DE 1617389	A	19700625				198427	

Priority Applications (No Type Date): US 65513094 A 19651210

Abstract (Basic): FR 1499681 A

Prodn. of tablets from granular compns. contg. a low melting pt. material or adhesive comprises:-

(a) introducing into a tabletting matrix a first granular compn. contg. an abrasive (e.g. lactose, wood cellulose, Mg(OH)<sub>2</sub>, tricalcium phosphate, dicalcium phosphate and mixts. thereof);

(b) compressing the first granular compn. into an abrasive tablet using a high compression force (23.62-39.37 kg/mm<sup>2</sup>, die penetration ca. 9.525 mm. or more);

(c) ejecting the abrasive tablet from the tabletting matrix;

(d) introducing into the tabletting matrix a second granular compn. contg. a low melting pt. material or adhesive;

(e) compressing the second granular compn. into the final tablet using a low compression force (3.15-12.60 kg/mm<sup>2</sup>, die penetration ca. 3.175mm. or less;

(f) ejecting the final tablet from the matrix; and

(g) repeating operations (a) to (f) to produce the required number of tablets.

Tablets contg. one or more active materials of low melting pt. and/or adhesives are produced with satisfactory speeds of

disintegration or dissolution and industrially acceptable appearance.

Title Terms: METHOD; PRODUCE; TABLET

Derwent Class: B07

International Patent Class (Additional): A61K-009/00

File Segment: CPI

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